

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 1-31-77	
Company AMOCO PRODUCTION COMPANY				Connection El Paso Natural Gas Company			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 1-22-77		Total Depth 4750		Plug Back TD 4712		Elevation 5677' GL	
Farm or Lease Name Jaquez Gas Com "A"				Well No. 1-A			
Csg. Size 7.000	Wt. 20	d 6.456	Set At 2625	Perforations: From 3866 To 4570		Unit Sec. Twp. Rge. D 5 29 9	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4585	Perforations: From Open To Ended			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico	
L	H	Gg .65	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	9 days						464		543	
1.	2.375"	0.750					150	60°	530	3 hrs.
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1	12.365		162	1.000	.9608	1.015	1953
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 555	P _c ² 30,8025	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{21.5991}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{10.0191}$
NO.	P _t ²	P _w	P _w ²
1		542	293,764
2			
3			
4			
5			

Absolute Open Flow 19,567 Mcfd @ 15.025		Angle of Slope 0
Remarks: 4.500" 10.5# liner set at 2423-4750'		

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: Oliver/ Cordill	Checked By: H. D. Montgomery
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FEB 10 1977
OIL CON. COM.
DIST. 3